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2 CLAIMS

3 3. Please amend the claims to cancel claim 1.

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5 4. Please amend the claims as follows:

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7 Claim 1. (Canceled)

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9 Claim 2. (New) A process for digesting materials comprising:

10 receiving a stream of materials to be treated into at least one reaction container including a group

11 of microbes within the reaction container, whereby the microbes digest organic material in the

12 stream of materials;

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14 digesting the stream of materials in a bacterial growth phase;

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16 draining the liquid from the at least one reaction container to dry the remaining materials;

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18 repeating the process until the desired output is achieved.

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21 Claim 3. (New) The process for digesting materials of claim 2, wherein the stream of materials

22 to be treated comprises substantially organic agricultural waste.

1 Claim 4. (New) The process for digesting materials of claim 2, wherein the methane produced in  
2 the process is collected.  
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5 Claim 5. (New) A waste digesting system comprising:  
6 at least one reaction container including a group of microbes within the reaction container,  
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8 means for controlling the flow of a stream of materials to be treated;  
9  
10 means for controlling an outflow of a stream of materials that have been treated..  
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13 Claim 6. (New) The waste digesting system of claim 5, further comprising means for measuring  
14 the temperature in the at least one reaction container.  
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